

EISENBACK4A PCT.ST25.txt
SEQUENCE LISTING

<110> EISENBACK, Lea
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CARMON, Lior
MACHLENKIN, Arthur
PAZ, Adrian
TZEHOVAL, Esther
FRIDKIN, Matityahu

<120> TUMOR ASSOCIATED ANTIGEN PEPTIDES AND USE OF SAME AS ANTI-TUMOR
VACCINES

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<150> 60/403,657
<151> 2002-08-16

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<170> PatentIn version 3.2

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Ser Pro Val Asn Ser Gly Gln Pro Pro Asn Tyr Glu Met Leu Lys Glu
10 15 20

gag cag gaa gtg gct atg ctg ggg gcg ccc cac aac cct gct ccc ccg 150
Glu Gln Glu Val Ala Met Leu Gly Ala Pro His Asn Pro Ala Pro Pro
25 30 35 40

acg tcc acc gtg atc cac atc cgc agc gag acc tcc gtg cct gac cat 198

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Val Val Trp Ser Leu Phe Asn Thr Leu Phe Met Asn Thr Cys Cys Leu			
60	65	70	
ggc ttc ata gca ttc gcc tac tcc gtg aag tct agg gac agg aag atg		294	
Gly Phe Ile Ala Phe Ala Tyr Ser Val Lys Ser Arg Asp Arg Lys Met			
75	80	85	
gtt ggc gac gtg acc ggg gcc cag gcc tat gcc tcc acc gcc aag tgc		342	
Val Gly Asp Val Thr Gly Ala Gln Ala Tyr Ala Ser Thr Ala Lys Cys			
90	95	100	
ctg aac atc tgg gcc ctg att ttg ggc atc ttc atg acc att ctg ctc		390	
Leu Asn Ile Trp Ala Leu Ile Leu Gly Ile Phe Met Thr Ile Leu Leu			
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gtc atc atc cca gtg ttg gtc gtc cag gcc cag cga tag atcaggagc		439	
Val Ile Ile Pro Val Leu Val Gln Ala Gln Arg			
125	130		
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35 40 45

Ser Glu Thr Ser Val Pro Asp His Val Val Trp Ser Leu Phe Asn Thr

50 55 60

Leu Phe Met Asn Thr Cys Cys Leu Gly Phe Ile Ala Phe Ala Tyr Ser

65 70 75 80

Val Lys Ser Arg Asp Arg Lys Met Val Gly Asp Val Thr Gly Ala Gln

85 90 95

Ala Tyr Ala Ser Thr Ala Lys Cys Leu Asn Ile Trp Ala Leu Ile Leu

100 105 110

Gly Ile Phe Met Thr Ile Leu Leu Val Ile Ile Pro Val Leu Val Val

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ccc aac tac gag atg ctc aag gag gag cag gaa gtg gct atg ctg ggg			96
Pro Asn Tyr Glu Met Leu Lys Glu Glu Gln Glu Val Ala Met Leu Gly			
20	25	30	
ggg ccc cac aac cct gct ccc ccg atg tcc acc gtg atc cac atc cgc			144
Gly Pro His Asn Pro Ala Pro Pro Met Ser Thr Val Ile His Ile Arg			
35	40	45	
agc gag acc tcc gtg cct gac cat gtg gtc tgg tcc ctg ttc aac acc			192
Ser Glu Thr Ser Val Pro Asp His Val Val Trp Ser Leu Phe Asn Thr			
50	55	60	
ctc ttc atg aac acc tgc tgc ctg ggc ttc ata gca ttc gcg tac tcc			240
Leu Phe Met Asn Thr Cys Cys Leu Gly Phe Ile Ala Phe Ala Tyr Ser			
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gtg aag tct agg gac agg aag atg gtt ggc gac gtg acc ggg gcc cag			288
Val Lys Ser Arg Asp Arg Lys Met Val Gly Asp Val Thr Gly Ala Gln			
85	90	95	
gcc tat gcc tcc acc gcc aag tgc ctg aac atc tgg gcc ctg att ttg			336
Ala Tyr Ala Ser Thr Ala Lys Cys Leu Asn Ile Trp Ala Leu Ile Leu			
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ggc atc ttc atg acc att ctg ctc atc atc atc cca gtg ttg gtc gtc			384
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Gln Ala Gln Arg			
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Ser Glu Thr Ser Val Pro Asp His Val Val Trp Ser Leu Phe Asn Thr
50 55 60

Leu Phe Met Asn Thr Cys Cys Leu Gly Phe Ile Ala Phe Ala Tyr Ser
65 70 75 80

Val Lys Ser Arg Asp Arg Lys Met Val Gly Asp Val Thr Gly Ala Gln
85 90 95

Ala Tyr Ala Ser Thr Ala Lys Cys Leu Asn Ile Trp Ala Leu Ile Leu
100 105 110

Gly Ile Phe Met Thr Ile Leu Leu Ile Ile Ile Pro Val Leu Val Val
115 120 125

Gln Ala Gln Arg
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